

## EAST Search History

S32 2	90	((84/609).ccls.) and signature	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/15 12:34
S32 3	0	((380/236-238).ccls.) and ((multivariate or multidimensional) adj vector) and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:40
S32 4	163	((multivariate or multidimensional) adj vector) and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:42
S32 5	0	bin\$1 same codebook same audio	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:41
S32 6	79	bin\$1 and codebook and audio and spectral	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:42
S32 7	372	((multivariate or multidimensional) adj vector)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:42
S32 8	1	S326 and S327 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:48
S32 9	3287	((707/6 or 707/8 or 707/103 or 707/104.).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/15 12:47
S33 0	710	((380/236-238 or 380/209-210 or 380/53).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/15 12:47
S33 1	2684	((713/190 or 713/176).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/15 12:47
S33 2	0	S321 and S327 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:48

## EAST Search History

S33 3	1	S329 and S327 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:50
S33 4	0	S330 and S327 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:50
S33 5	0	S331 and S327 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:50

## EAST Search History

S25 0	197036	(watermark\$4 or signature or fringerprint\$5)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/30 14:02
S25 1	262	(( multivariate or multidimensional) adj vector)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:05
S25 2	0	S248 and S249 and S250 and S251 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:04
S25 3	98099	(creat\$4 or generat\$4) and (signature or watermark\$4 or fingerprint\$4)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:02
S25 4	0	S253 and S249 and S250 and S251 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:05
S25 5	1928	(( multivariate or multidimensional) same vector)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:02
S25 6	1	S253 and S249 and S250 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:06
S25 7	1459	((381/56 or 381/98).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:28
S25 8	0	S257 and S249 and S250 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:07
S25 9	0	S257 and S249 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:07
S26 0	799	S257 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:07
S26 1	0	S257 and S249 and S250 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:08

## EAST Search History

S26 2	0	S257 and S249 and S248 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:08
S26 3	1048	((700/94).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:04
S26 4	0	S263 and S249 and S248 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:08
S26 5	0	S263 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:10
S26 6	1659	((84/609 or 84/602 or 84/604-605).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:04
S26 7	0	S266 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:20
S26 8	17	S266 and S248 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:11
S26 9	3092	((707/6 or 707/8 or 707/103 or 707/104.).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:03
S27 0	13	S269 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:29
S27 1	4189	((709/219).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:36
S27 2	0	S271 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:33
S27 3	83	S271 and S248 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:29

## EAST Search History

S27 4	1587	((704/246-250).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:32
S27 5	11	S274 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:34
S27 6	3	S274 and S255 and S249 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:35
S27 7	0	S274 and S255 and S253 and S249 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:36
S27 8	209156	(signature or watermark\$4 or fingerprint\$4)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:36
S27 9	0	S274 and S255 and S278 and S249 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:37
S28 0	2157	((713/176).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:41
S28 1	0	S280 and S255 and S278 and S249 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:40
S28 2	0	S280 and S255 and S249 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:37
S28 3	2	S280 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:37
S28 4	686	((380/236-238 or 380/209-210 or 380/53).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:05
S28 5	0	S284 and S255 and S278 and S249 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:40

## EAST Search History

S29 8	2012	((707/6).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:50
S29 9	13	S298 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:50
S30 0	0	S298 and S255 and S249 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:48
S30 1	71	((84/341).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:50
S30 2	0	S301 and S255 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/30 14:50
S30 3	99296	(creat\$4 or generat\$4) and (signature or watermark\$4 or fingerprint\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/03 15:02
S30 4	1970	(( multivariate or multidimensional) same vector)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/03 15:03
S30 5	3094	((707/6 or 707/8 or 707/103 or 707/104.).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/15 12:47
S30 6	1052	((700/94).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/03 15:04
S30 7	1693	((84/609 or 84/602 or 84/604-605).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/03 15:04
S30 8	190	((340/5.26).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/03 15:05
S30 9	688	((380/236-238 or 380/209-210 or 380/53).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/15 12:47

## EAST Search History

S31 0	1509	((381/98 or 381/56).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/03 15:06
S31 1	8581	((707/6 or 707/8 or 707/103 or 707/104.1).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/03 15:08
S31 2	2443	((713/190 or 713/176).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/05/15 12:47
S31 3	3	S303 and S304 and S305 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:13
S31 4	0	S303 and S304 and S306 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:13
S31 5	0	S303 and S304 and S307 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:13
S31 6	0	S303 and S304 and S308 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:13
S31 7	2	S303 and S304 and S309 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:14
S31 8	0	S303 and S304 and S310 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:14
S31 9	3	S303 and S304 and S311 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:16
S32 0	2	S303 and S304 and S312 and @ay<="2000"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/01/03 15:16
S32 1	1165	((700/94).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/15 12:33

## EAST Search History

S65	1	US-20030028796-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:40
S66	1	US-20030046283-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:41
S67	1	US-20030086341-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:42
S68	1	US-20030135513-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:42
S69	1	US-20030074378-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:43
S70	1	US-20030143349-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:44
S71	1	US-20030172411-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:45
S72	0	US-20030267522-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:45
S73	1	US-20040267522-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:46
S74	1	US-20050017879-\$.did.	US-PGPUB; USPAT	OR	ON	2005/10/03 15:46
S75	741	((700/94).ccls.)	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/10/12 14:29
S76	4	"6539395"	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/10/12 14:29
S77	845	((("84"/\$).ccls.) and signature	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/12 16:53
S78	65	((84/609).ccls.) and signature	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 12:34
S79	1	((84/608).ccls.) and signature	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/12 16:57
S80	14767	bin and code	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/12 16:57
S81	2560	bin and code and audio	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/12 16:58
S82	1121	spectral and codebook	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/12 16:59



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	196	(creat\$4 or generat\$\$ or provid\$\$) and (signature or watermark\$4 or fingerprint\$4) and bin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/22 11:06
		((380/236-328).ccls.) and bin and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 12:42
		((700/94).ccls.)andwatermark\$4). CCLS.	USPAT; USOCR	OR	OFF	2006/07/19 09:07
		((700/94).ccls.)	USPAT; EPO	OR	OFF	2007/05/15 12:33
S2	2	((("4843562") or ("5210820"))).PN.	USPAT; EPO	OR	OFF	2005/04/07 15:01
S3	0	("distribut\$4adjapplication").PN.	USPAT; EPO	OR	OFF	2005/04/07 16:21
S4	1557	distribut\$4 adj application	USPAT; EPO	OR	OFF	2005/04/07 16:22
S5	0	distribut\$4 adj application same hear\$4 adj aid	USPAT; EPO	OR	OFF	2005/04/07 16:22
S6	0	distribut\$4 adj application same hear\$4 adj aid	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/07 16:22
S7	0	distribut\$4 adj application and hear\$4 adj aid	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/07 16:23